

202 West College P.O. Box 466 Greenbrier, TN 37073 Office-(615) 643-4531 Fax-(615) 643-0357

December 16, 2011

Tennessee Department of Environment and Conservation 711 R.S. Gass Blvd.
Nashville, TN 37243

RE: Phase II Stormwater Permit Notice of Intent (NOI)

Phase II Municipal Separate Storm Sewer Systems (MS4)

Dear Sirs:

Attached please find the Notice of Intent submittal for the Phase II MS4 permit for the City of Greenbrier, Tennessee. Our City has developed a comprehensive Stormwater Management Plan (SWMP) that is intended, not only to meet the requirements of the Small MS4 General NPDES Permit, but to create long-term community involvement in managing the issues that affect the streams and tributaries within our community. The main points that will drive our action plan are as follows:

- 1. A Teach the Teachers Program will be provide storm water runoff and pollutant information to the educators in our school system. We feel that this program will provide a vehicle to educate our youth as well as raise public awareness. Public outreach will continue on the City public access cable television station, the City website, and information available at the City offices.
- 2. The City Building and Codes official will obtain and maintain a Tennessee Erosion Prevention and Sediment Control Level 1 Certification. The daily activity of the Building and Codes official will include a focus on site construction inspection for compliance with storm water requirements as well as observation and quick response to illicit discharges and various issues involving existing residential, commercial, and industrial sites. A formal log of incidents and observations will be maintained by the Building and Codes office.
- 3. City employees will be educated in pollution recognition and BMPs at safety meetings and other employee meetings. They will be encouraged to recognize and report issues of concern to the Building and Codes Office.
- 4. The City currently has an active recycling program. Involvement in this program will continue to be encouraged through the various public awareness efforts.
- 5. A Stormwater Quality Design Manual has been proposed for approval within six month. This manual provides design methods and best management practices to address the most common site construction issues and encourages the consideration of green infrastructure in site planning.
- 6. The current Stormwater Ordinance will be revised within six months to include the use of the proposed Stormwater Quality Design Manual and more clearly define the language describing enforceable limitations.

The City of Greenbrier intends to be an exemplary small community in its commitment to the administration of our Stormwater Management Program. Two copies of the NOI submittal, the proposed Stormwater Quality Design Manual, and backup material are attached for your review.

Thank you for your consideration.

Sincerely,

Mayor Billy Wilson City of Greenbrier



Tennessee Department of Environment and Conservation Division of Water Pollution Control L & C Tower Annex, 6th Floor 401 Church Street

Nashville, Tennessee 37243

Phase II Stormwater Permit Notice of Intent (NOI) Phase II Municipal Separate Storm Sewer Systems (MS4)

PURPOSE

The purpose of this Notice of Intent (NOI) is for a Tennessee city, county, utility district or military base to apply for NPDES permit to discharge stormwater runoff from a Phase II municipal separate storm sewer system.

INSTRUCTIONS

You must provide the following information to the Division of Water Pollution Control as application material. You may print this form blank and complete it on paper, or you can complete the form electronically. The document is a Microsoft Excel 2000 document. Submit two paper copies, one of which must bear an original signature on page three.

The following questions are intended to highlight minimum program requirements under the MS4 permit. Each element not currently performed must be implemented by the expiration date.

After completing the questions in each section, list the Best Management Practices (BMPs) that you will implement in each area based on a set of priorities you have identified in the area.

NOTE: You may not desire to dictate the ways in which the public participates or is involved in the stormwater quality management program; in this case, your proposed program should provide a forum and a structure by which to encourage or allow the public to participate. On the other hand, there may be specific ways you do want the public to be involved, based on your program needs. For instance, you may want stream watch groups to be organized. As such, your proposed program should describe how you will accomplish this, and the time schedule.

After completing the BMP's in each section provide the administrative information to complete those BMP's as explained here:

Primary Contact and Position/Title	The person in your organization serving as the primary contact.
Other Department and Roles	Other departments within your organization involved in the project and how their role is identified.
Other Government Entity and Roles	Identification of other government entities responsible for implementing one or more of the BMP's. Include a copy of the interlocutory agreement, or contract, or proposed agreement with execution schedule.
Other Institutions and Roles	Identification of partnerships with another MS4 operator or institution (e.g., Chamber of Commerce, environmental interest organizations, civic groups) to achieve the BMP's.
Equipment Needs (if applicable)	What are these needs, why does WPC need this information?
Target Groups (if applicable)	Specific kinds of groups that will be targeted, such as service industries (i.e., carpet cleaning), civic groups, schools, and church groups, etc.

Attached at the end this NOI is an addendum to list BMP Measurable Goals and Implementation Milestones. You must complete the addendum, providing more details on the goals and milestones for each BMP outlined in this NOI.

	-	PART 1 TIVE INFORMATI	ON	
Name of city, county, stormwater utility	district or other public ir	nstitution that ope	rates a Phase II MS4:	
Billy Wilson		Mayor		
Responsible elected Officia	l or Officer	Title		
202 W. College St. Greenbrier			TN	37073
Street Address	City		State	Zip Code
PROGRAM CONTA		TECHNICAL C	ONTACT	
Chuck Weaver		Philip J. Kl	ober, P.E.	
Name		Name		
cwcodes12@comcast.net		pklober@k	lobereng.com	
Email Address	Email Addr	ess		

CN-1295 (Rev 04-10) RDA 1663

PROG	GRAM CONTACT (Continued)		TECH	IICAL CONTACT (Continued)	
(615)643-4531			(615)382-2000		
Phone Number			Name		
Attach an orga	anizational chart that shows the differ	ent depart	ments involved in storm	water management.	
		54	DT II		
	DESCR		RT II F STORM SYSTEM		
	ARFA S		EM A N SQUARE MILES)		
If City Taylor and It			· · · · · · · · · · · · · · · · · · ·	orion. C.O.E.	
•	ility District: Jurisdiction in square mi		•		
- · · · · · · · · · · · · · · · · · · ·	ility District: Additional area of urban	_	-	n/a	
☐ Entire County	used to regulate the:		UA portions, as follows (Unincorporated Area	describe).	
If County: Total Are			•	rad Araa	
I County. Total Air	=a. 		Unincorporated, Urbaniz	eu Area	
	STORM		INFRASTRUCTURE		
county governmen	e following features of stormwater of indicate whether the figures represent and catch basins may be rough esti	esent the			
Entire County	n/a		Urbanized Area(s)	City Limits only	
Storm Sewers	n/a Miles Feet		Open Ditches	75 Miles Fe	et
Culverts	146 (estimate number)		_ Catch Basins	85 (estimate number)	
Retention Basins	0 (estimate local government operated	number)	Detention Basins	0 (estimate local government number)	operated
			EM C		
	MAPS (EACH MUST CLEARLY	OUTLINE	ALL OF THE REQUEST	ED INFORMATION)	
Zoned areas for co	ommercial or industrial activity	<u> </u>	 State vocational, tecl 	nnical, college or universities	n/a
Actual areas of cor	mmercial or industrial activity	X	_ Federal vocational, to	echnical, college or universities	n/a
Other municipally of	owned/operated industrial activities	n/a	_ City Roads		Χ
Municipal or Count	y Wastewater Treatment Plants	<u> </u>	_ County Roads		n/a
Vehicle Fleet Main	tenance Centers	<u>X</u>	Perennial and interm	ittent streams	<u>X</u>
Power Plants		n/a	_ Topography or Drain	age Patterns	X
Airports		n/a	_ Landfills		n/a
Military Installation	s	n/a			
	IDENTIFYING IMPAIRE		M D MS AND OTHER WATE	ER BODIES	
Identify any stream	ns (that flow through your jurisdictio				impaired
	ater of either the State's 305(b) reno				

according to the later of either the pollution (cause) and the source.

STREAM NAME	CAUSE OF IMPAIRMENT	SOURCE OF IMPAIRMENT
Carr Creek	Nitrate+Nitrite, Total Phosphorus, e coli	Collection System Failure, SS overflow
Unnamed Trib to Carr Creek	Nutrients, Thermal Modifications, e Coli	Municipal Point Source

ITEM E HAS THE STATE OR EPA ISSUED A TDML FOR ANY STREAMS DIRECTLY AFFECTED BY RUNOFF FROM YOUR MS4?				
	ment(s) and parameter(s) of concern:	· · · · · · · · · · · · · · · · · · ·		
STREAM SEGMENT	PARAMETERS OF CONCERN			
EXISTING LEAGAL AUTHORIT	PART III Y TO CONTROL STORMMWATER DISCHARGES TO	O MS4		
ordinances that do apply to control of the storm sew with stormwater issues might be found, for examp	ontrol of pollution that might enter the MS4. Extra er system and attach a copy of those portions to this I le, in conjunction with litter control, prohibition of du nces, erosion and sediment practices, subdivision	NOI. Ordinances that deal imping, clean up of spills,		
YOUR PROPOSED STO	PART IV DRMWATER QUALITY MANAGEMENT PROGRAM			
Practices (BMP) for a stormwater management pro- for a Phase II stormwater management program. It all following six minimum measures, then attach ei	on of your existing and planned activities as well a gram. The following sections correspond to the six n f another MS4 will be responsible for implementing another the interlocutory agreement or the proposed againing the relevant questions for the six following measuring the six following the six followi	ninimum control measures ny or all portions of any or reement and schedule for		
SIGNATURE O	PART V F RESPONSIBLE CORPORATE OFFICER			
This Notice of Intent (NOI) must be signed as follow	vs: For a municipality, state, federal, other public age lected official. For purposes of this section, a princ			
i. The chief executive officer of the agency.				
 A senior executive officer having responsibility Regional Administrators of EPA). 	for the overall operations of a principal geographic	c unit of the agency (e.g.,		
accordance with a system designed to assure that Based on my inquiry of the person or persons wh information, the information submitted is, to the be	nt and all attachments were prepared under my dest qualified personnel properly gather and evaluate to manage the system, or those persons directly resist of my knowledge and belief, true, accurate, and destination, including the possibility of fine and in	the information submitted. ponsible for gathering the complete. I am aware that		
Signature	Title/Municipality	Date		
Signature	Title/Municipality	Date		
Signature	Title/Municipality	Date		
Signature	Title/Municipality	Date		
Signature	Title/Municipality	Date		
Signature	Title/Municipality	Date		

				CIONATURE OF RECONSIDIE CORROBATE OFFICER (Continued)
<u> </u>				SIGNATURE OF RESPONSIBLE CORPORATE OFFICER (Continued)
		S	Signature	Title/Municipality Date
				SECTION 1 PUBLIC EDUCATION AND OUTREACH
imp	oacts, p	pollutio	n prevent	rently distribute educational materials on the topics of stormwater quality, stream water quality, pollution ion, etc.? If yes, briefly describe the materials, including media used (e.g., written brochures, public etc.); the topic(s) covered, intended target audience(s), and the distribution method.
Yes No		\[\v	/hat is sto	rmwater?, Runoff Prevention. Material available at City Hall, city website, newpaper publication
stre	eam wa	ater qua	ality, pollu	rently conduct or participate in public outreach activities focusing on the topics of stormwater quality, tion impacts, pollution prevention, etc.? If yes, briefly describe the outreach activities, topic(s) covered, s), and the frequency of activities.
Yes No				
				al stormwater management program comply with Local, State and Federal public notice requirements? ublic is notified.
Yes No	\boxtimes	М	laterial av	ailable at City Hall, city website, newpaper publication, and information on water bills
	В	BEST M	ANAGEM	IENT PRACTICES (BMPs) MEASURABLE GOALS AND IMPLEMENTATION MILESTONES
		Nam	е	DESCRIPTION
		eacher	Provide material to public school teachers to educate students on stormwater runoff and pollution prevention.	
В.	Inforr	m the F	armer	Mail letter to all owners with agriculture zoned properties making them aware of stormwater ordinance and city requirements.
C.				
D.				
				ADMINISTRATIVE INFORMATION
PR	RIMARY	Y CON	TACT	POSITION OR TITLE
Chuc	k Weav	ver		Building and Codes Director
ОТЬ	HER DE	EPART	MENT	ROLE
Tomn	ny Mait	tland		Public Works Director
				
		,		
GOV	/FRNM	/ENT E	NTITY	BMP
- 00,	V [] (1414	MENT L	-141111	DMI
<u></u>		VOTITU	TION	50/5
01	HEKIN	NSTITU	HON	ROLE
		· ·		
				
				EQUIPMENT NEEDS (IF APPLICABLE)
	•			LQUIT MILIT MELDO (IF AFFLICADLE)
	<u> </u>	20110		TAROET DESCRIPTION
<u> </u>	GH	ROUP		TARGET DESCRIPTION

	Phase II Municipal Sep	parate Storm S	sewer Systems (MS4)	
	,,,, , , , , , , , , , , , , , , , , ,			
	II LIGHT DICCULADOR	SECTION 2	AND ELIMINIATION	
	ILLICIT DISCHARGE			
	The following are commor	n sources of illic	-	
Sanitary Wastewate		•	Effluent from septic tanks	
Car wash wastewate		•	Improper oil disposal	
Radiator flushing dis	•	•	Laundry Wastewaters/gra	•
Spills from roadwayCarpet cleaning was		•	Improper disposal of auto	and nousehold toxics
• Carpet cleaning was				
L		SEWER SYSTI		
sewer system? The map n		y streets, topo	raphy or drainage patterns	ated municipal separate storm s, streams, and outfalls (points
Yes 🗌		No ⊠		
	ILLICIT DIS	CHARGE ORD	INANCES	
storm sewer system? If ye		e ordinance and		tormwater discharges into the his section of ordinance. If No,
Yes ⊠ No □	29 Page Numb	er	8	Ordinance Section Number
	ulatory mechanism clearly deforthrough a listing of unallowe			ough a written description of a es?
Yes 🛛		No 🗌		
3. Does the ordinance or regu	latory mechanism allow right-	of-entry on priv	ate property for inspection of	of suspected discharges?
Yes 🛛		No 🗌		
4. Does the ordinance or regu	ılatory mechanism prohibit dur	mping?		
Yes 🛛		No 🗌		
	ulatory mechanism give the M If yes, please note page numb			ate non-stormwater discharges
Yes ⊠ No □	31 Page Numb	er	1	Paragraph Number
6. What is maximum penalty i	n ordinance or regulatory? Pl	ease note max	mum penalty, page numbe	r and paragraph number.
Yes ⊠ No □	\$5,000, Pg. 34 Page Numb	er	2	Paragraph Number
				of stormwater runoff from "hot shops, and large commercial
Yes ⊠		No 🗌		
· · · · · · · · · · · · · · · · · · ·	INSPECTION/SCREENING		CEMENT PROCEDURES	
		rocedures in p	lace for inspection and/or	screening for non-stormwater
Yes 🛛		No □		
			ace for enforcement of vi	olations of the illicit discharge
Yes ⊠ Send notice	of violation letter to owner/de	veloper.		
3. How are enforcement actio	ns documented?			

o. How are emorcement actions documented

Phase II Municipal Separate Storm Sewer Systems (MS4)

Daily Stormwater Compliance Inspection form. 4. Has the municipality defined "hot spots" for non-stormwater discharge screening and inspections? If yes, please describe and provide a map of illicit discharge screening priority areas. Yes 🗌 No ⊠ PUBLIC INPUT AND COMPLAINTS 1. Does the municipality presently have procedures in place to receive and consider information and complaints about nonstormwater discharges that are submitted by the public? If so, provide brief description: responsible departments, personnel, steps followed. Yes \boxtimes Call or visit City Hall; contact Chuck Weaver; investigate complaint, document and respond if necessary No **EDUCATION** 1. Has the municipality educated the public and businesses including auto parts supply, auto repair shop and restaurants, regarding ways to detect, prevent and eliminate illicit discharges? If yes, briefly describe the educational materials, including media used (e.g., written brochures, public service announcements, etc.), the topic(s) covered, intended target audience(s), and the distribution method. Yes Grease trap program, RPBP cross-connection control plan. П No BEST MANAGEMENT PRACTICES (BMPs) MEASURABLE GOALS AND IMPLEMENTATION MILESTONES DESCRIPTION Name A. continual inforcement of current regulations B. C. D. **ADMINISTRATIVE INFORMATION** PRIMARY CONTACT POSITION OR TITLE Chuck Weaver **Building and Codes** OTHER DEPARTMENT ROLE **Public Works Director** Tommy Maitland **GOVERNMENT ENTITY BMP**

ROLE

EQUIPMENT NEEDS (IF APPLICABLE)

TARGET DESCRIPTION

OTHER INSTITUTION

GROUP

· · · · · · · · · · · · · · · · · · ·	SECTION 3 CONSTRUCTION SITE RUNOFF	PROGRAM
	CONSTRUCTION SITE RUNOFF (
	nances/regulations for the municipal stormwater mana ements? If yes, describe how the public is notified.	gement program comply with Local, State and Federal
Yes ⊠ No □ City	Hall, city website, and government access channel	
		similar - ordinance or regulatory mechanism? If yes, ext set of questions below about construction site plans
Yes ⊠	No 🗌	20 Page Number
	e or regulatory mechanism require that site operators vaste controls for land disturbance activities?	s implement erosion prevention, sediment control, and
Yes ⊠	No 🗌	
greater than or equ		that controls be implemented for any land disturbances common plan of development or sale that would disturb here this is defined.
Yes ⊠ No 🗌	8 Page Number	1 Paragraph Number
	or regulatory mechanism contain or reference technic per and paragraph number where this is defined.	cal standards for erosion and sediment control? If yes,
Yes ⊠ No 🗌	20 Page Number	5 Paragraph Number
6. Do those technical	standards meet with or exceed the current TDEC const	ruction general permit sections 3.5 and 4.4?
Yes ⊠	No □	
7. Do technical standa	ards require that construction activities maintain tempora	ary water quality buffers during construction?
Yes 🗌	No ⊠	
	e or regulatory mechanism clearly define the criteria - formation or plans? If yes, note page number and para	primarily who must submit - for submitting erosion and graph number
Yes ⊠ No 🗌	20 Page Number	5 Paragraph Number
	ee or regulatory mechanism require approval by the es? If yes, note page number and paragraph number.	e local government prior to commencement of land
Yes ⊠ No 🗌	8 Page Number	1 Paragraph Number
	e or regulatory mechanism require re-submittal of erc change during land disturbance activities? If yes, note	page number and paragraph number.
Yes ☐ No ☒	Page Number	Paragraph Number
11.Does the ordinance If yes, note page nu	e or regulatory mechanism allow right-of-entry for gove imber and paragraph number.	mment officials onto construction sites for inspections?
Yes ⊠ No 🗌	11 Page Number	7 Paragraph Number
	e or regulatory mechanism give the MS4 owner/operans? If yes, note page number and paragraph number.	tor the authority to STOP WORK in the event of non-
Yes ⊠ No 🗌	33 Page Number	E Paragraph Number

	CONCEDUCTION OF ENAME	P DEVIEW
1 Doos the municipal	CONSTRUCTION SITE PLANS	
	evaluates new development and redevelopment constru	ss (i.e. engineering department, planning department, uction for construction site runoff?
Yes ⊠	No 🗆	
2. Does the technical	review process require an erosion prevention and sedir	nent control plan with appropriate BMPs?

No 🗌

3. Does the review process include a requirement for pre-construction meeting between the municipality and site developer, for priority construction sites, including at a minimum those construction activities discharging directly into, or immediately upstream of, waters the state recognizes as impaired or high quality?
Yes □ No ⊠
4. If there is a review process, provide a brief narrative or a flow chart of the process, describing the process steps, responsible personnel (by department, title and contact person), and criteria used for evaluation of information or plans that are submitted.
Yes □ No ⊠
RESPONDING TO PUBLIC INPUT AND COMPLAINTS
1. Does the municipality presently have procedures in place for receipt and consideration of information and complaints submitted by the public?
Yes ⊠ No □
If Yes, please provide a brief narrative of the receipt process and procedures, describing process steps, responsible departments, and personnel (by title). If available, provide information on complaint tracking, documentation, etc:
Call or visit City Hall; contact Chuck Weaver; investigate complaint, document and respond if necessary
ENFORCEMENT AND INSPECTION PROCEDURES
1. Does the municipality presently have personnel and procedures in place for construction site runoff inspection?
Yes ⊠ No □
2. Does the program provide for pre-construction meeting and monthly inspection of priority sites?
Yes ⊠ No □
3. Does the municipality presently have procedures and personnel in place for enforcement to the maximum extend for violations of construction site requirements?
Yes ⊠ No □
4. Does the municipality use a STOP WORK order to enforce non-compliance with construction site policies and requirements?
Yes ⊠ No □
5. How are enforcement actions documented?
Daily stormwater compliance inspection, letter to owner/developer.
TRANSING AND EDUCATION
TRAINING AND EDUCATION
1. Does the municipality presently make construction site runoff control training/information available to the public, developers, engineers, and contractors (Be aware that the state of Tennessee regularly conducts erosion prevention and sediment control classes across the state. Local governments are encouraged to refer developers and contractors to these classes.)?
Yes ⊠ No □
2. Has municipal staff completed state-sponsored training, including the Tennessee Fundamentals of Erosion Prevention and Sediment Control; and the Erosion Prevention and Sediment Control Design Course?
Yes □ No ⊠
DEGT MANAGEMENT DRAGTICEG (DMD-) MEAGURARY E COM CAMP IMPLEMENTATION AND ESCAPE
BEST MANAGEMENT PRACTICES (BMPs) MEASURABLE GOALS AND IMPLEMENTATION MILESTONES

	BEST MANAGEN	TENT PRACTICES (BMPS) MEASURABLE GOALS AND IMPLEMENTATION MILESTONES
	Name	DESCRIPTION
A.	EP&SC	Building and codes director to attend TDEC EP&SC Level I training
B.	Site PreCon	Have preconstruction meeting will new site developments in regard to construction

Yes 🛛

C.			
D.			
	ADMINISTRATIVE INFORMATION		
PRIMARY CONTACT	POSITION OR TITLE		
Chuck Weaver	Building and Codes		
OTHER DEPARTMENT	ROLE		
Tommy Maitland	Public Works Director		
GOVERNMENT ENTITY	BMP		
- White the state of the state			
DEST MANAGEMENT	I PRACTICES (BMPs) MEASURABLE GOALS AND IMPLEMENTATION MILESTONES (CONTINUED)		
OTHER INSTITUTION	ROLE		
	EQUIPMENT NEEDS (IF APPLICABLE)		
GROUP	TARGET DESCRIPTION		
PER	SECTION 4 MANENT (POST-CONSTRUCTION) STORMWATER MANAGEMENT PROGRAM		
	STRUCTURAL AND NON-STRUCTURAL STRATEGIES		
	urrently have in place mechanisms or strategies to address permanent stormwater runoff management		
	or redevelopment projects that result in land disturbance of one acre or more? For example, land use coning directives, site-based local controls such as riparian buffer zone protection; storage or detention of		
stormwater prior to rele	ase to streams; practices to cause stormwater to percolate the soil rather than runoff immediately;		
vegetative practices.	N. 57		
Yes ⊠	No ⊠		
	brief narrative of - and/or references to - the structural and non-structural strategies, describing strategies agement Practices allowed, technical guidance, responsible departments, and personnel (by title).		
Stormwater Ordinance, Sec			
P			
	ERMANENT STORMWATER CONTROLS SITE MANAGEMENT ORDINANCE		
1. Do you currently have an ordinance or regulatory mechanism that addresses permanent stormwater runoff management from new development and redevelopment projects? If yes, reference the page number in your ordinance. If No, proceed to the next			
new development and re			
new development and re section on permanent sto	on ordinance or regulatory mechanism that addresses permanent stormwater runoff management from edevelopment projects? If yes, reference the page number in your ordinance. If No, proceed to the next permwater management plans review.		
new development and re section on permanent sto Yes ⊠ No □	on ordinance or regulatory mechanism that addresses permanent stormwater runoff management from edevelopment projects? If yes, reference the page number in your ordinance. If No, proceed to the next permwater management plans review. 22-25 Page Number 1 Paragraph Number		
new development and re section on permanent sto Yes ⊠ No □	n ordinance or regulatory mechanism that addresses permanent stormwater runoff management from edevelopment projects? If yes, reference the page number in your ordinance. If No, proceed to the next formwater management plans review. 22-25 Page Number 1 Paragraph Number regulatory mechanism require controls to mitigate pollutants in stormwater runoff? If yes, note page		
new development and re section on permanent sto Yes ⊠ No □ 2. Does the ordinance or r	n ordinance or regulatory mechanism that addresses permanent stormwater runoff management from edevelopment projects? If yes, reference the page number in your ordinance. If No, proceed to the next formwater management plans review. 22-25 Page Number 1 Paragraph Number regulatory mechanism require controls to mitigate pollutants in stormwater runoff? If yes, note page		
new development and resection on permanent stores of the section on permanent stores of the section on permanent stores of the section of th	nordinance or regulatory mechanism that addresses permanent stormwater runoff management from edevelopment projects? If yes, reference the page number in your ordinance. If No, proceed to the next formwater management plans review. 22-25 Page Number 1 Paragraph Number regulatory mechanism require controls to mitigate pollutants in stormwater runoff? If yes, note page number. Page Number Paragraph Number regulatory mechanism require (explicitly or implicitly) that controls be implemented for any new		
new development and resection on permanent stored and permanent stored and permanent stored are section on permanent stored and permanent stored are section on permanent stored and permanent or redevelopment or redevelopment or redevelopment stored and redevelopment stor	n ordinance or regulatory mechanism that addresses permanent stormwater runoff management from development projects? If yes, reference the page number in your ordinance. If No, proceed to the next formwater management plans review. 22-25 Page Number 1 Paragraph Number regulatory mechanism require controls to mitigate pollutants in stormwater runoff? If yes, note page number. Page Number Paragraph Number regulatory mechanism require (explicitly or implicitly) that controls be implemented for any new poment projects greater than or equal to one acre, including projects less than one acre that are part of a		
new development and resection on permanent stored and permanent stored and permanent stored are section on permanent stored and permanent stored are section on permanent stored and permanent or redevelopment or redevelopment or redevelopment stored and redevelopment stor	nordinance or regulatory mechanism that addresses permanent stormwater runoff management from edevelopment projects? If yes, reference the page number in your ordinance. If No, proceed to the next formwater management plans review. 22-25 Page Number 1 Paragraph Number regulatory mechanism require controls to mitigate pollutants in stormwater runoff? If yes, note page number. Page Number Paragraph Number regulatory mechanism require (explicitly or implicitly) that controls be implemented for any new		

		gulatory mechanism contain or referer note page number and paragraph num		quality controls (e.g., design of
Yes 🛭	☑ No □	13 Page Number	2	Paragraph Number
		ulatory mechanism clearly define the on nation or plans? If yes, note page nun		omit - of permanent stormwater
Yes 🛭	☑ No 🗆	20 Page Number	1	Paragraph Number
		egulatory mechanism require approve e number and paragraph number.	al prior to construction of perma	nent stormwater management
Yes [☐ No 🖾	Page Number		Paragraph Number
		gulatory mechanism require re-submit after the initial design has been approv		
Yes [☐ No 🖾	Page Number		Paragraph Number
		gulatory mechanism give the MS4 or controls for violations? If yes, note page		
Yes [⊠ No 🗆	32 Page Number	1	Paragraph Number
		egulatory mechanism allow the muni- installed for inspections? If yes, pleas		
Yes 🛭	☑ No 🗆	23 Page Number	1	Paragraph Number
terr	n operation and main	ulatory mechanism require that permatenance? If yes, please note page ermanent stormwater management co	e number and paragraph number	
Yes No				
	es the ordinance or revelopment and redevelo	gulatory mechanism require establish	ment and maintenance of water of	quality buffers in areas of new
Yes [No ⊠	
		PERMANENT STORMWATER I	MANAGEMENT PLANS REVIEW	· · · · · · · · · · · · · · · · · · ·
Does the municipality presently have in place a technical review process (i.e. engineering department, planning department, zoning board) that evaluates new development and redevelopment with regard to the impact that permanent stormwater runoff				
zon			nent with regard to the impact tha	
zon	have on receiving strea		nent with regard to the impact tha	
zon will Yes ∑ If Y	have on receiving stread Gray and stream of the stream of		No ☐ rocess, describing the process ste	t permanent stormwater runoff eps, responsible personnel (by
zon will Yes [2 If Y dep	have on receiving stread Gray and stream of the stream of	ams? rrative or a flow chart of the review pact person), and criteria used for evalua	No ☐ rocess, describing the process ste	t permanent stormwater runoff eps, responsible personnel (by
zon will Yes [2 If Y dep	have on receiving stread Yes, provide a brief nare partment, title and contact lober, P.E., Klober Eng	ams? rrative or a flow chart of the review pact person), and criteria used for evalua	No ☐ rocess, describing the process steation of information or plans that a	t permanent stormwater runoff eps, responsible personnel (by e submitted.
zon will Yes [2 If Y dep	have on receiving stream (es, provide a brief nare partment, title and contact (lober, P.E., Klober Engage BEST MANAGEM Name	ams? rative or a flow chart of the review pract person), and criteria used for evaluatineering Services IENT PRACTICES (BMPs) MEASURA	No rocess, describing the process steation of information or plans that an ABLE GOALS AND IMPLEMENTATION	t permanent stormwater runoff eps, responsible personnel (by e submitted.
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			ВМР		
GOVERNMEN	T ENTITY				
OTHER INST	TUTION		ROLE		
				······································	
		EQU	IPMENT NEEDS (F APPLICABLE)	
GROU	IP .		TARGET DESC	RIPTION	
-1					
		SECT POLLUTION PREVENTION	TION 5 ON AND HOUSEKE	FPING	
	······································		ON AND TRAINING		
1. Does the mur	nicipality's cu	irrent operation and maintenance pro	ogram provide annu	ual training for staff on pre	eventing and reducing
		activities such as park and open spa	ce maintenance, fle	eet and building maintena	nce, new construction
	irbances, an	d stormwater system maintenance?	N - 57		
Yes 🗌	_41_141		No⊠		
	ctivities docu	mented? If yes, please describe train	ning and method of	record-keeping.	
No 🗆	Yes				
		MUNICIPAL OPERATIONS	POLLUTION PRE	VENTION	
prevention? schedules; lo pollutants; co eliminating po storage areas	1. Does the municipality's operations and maintenance program have policies and procedures in place that address pollution prevention? If yes, please describe procedures. Consider the following in your response: maintenance activities, maintenance schedules; long term inspection procedures for structural and non-structural stormwater controls to reduce floatables and other pollutants; controls for reducing or eliminating the discharge of pollutants from streets, roads, highways; controls for reducing or eliminating pollutants from municipal parking lots, maintenance and storage yards, fleet or maintenance areas with outdoor storage areas, salt/sand storage areas, snow disposal areas, waste transfer stations; disposal of waste removed from storm sewers and the areas listed above; and assessment of impacts on water quality from new flood management projects.				ctivities, maintenance e floatables and other ontrols for reducing or e areas with outdoor removed from storm
Yes □ No ⊠					
		MUNICIPAL INDUS	STRIAL ACTIVITIE	S	
1. Has the MS4 owner/operator obtained a Tennessee Multi-Sector General Permit or a no-exposure waiver for all qualifying municipal industrial activities? If yes, please give permit numbers or copy of the No-Exposure Certification form.					
Yes ☐ No ☒ Permit Numbers(s)					
List municipally-owned or operated facilities that have a notable potential for contaminating runoff: for example - vehicle maintenance garages; waste transfer operations; golf courses; salt or other materials storage; landfill. If more than one facility for a given type of operation; give the number of such facilities. Indicate if any of these are covered by an NPDES permit. Is there a documented pollution prevention plan in place for these facilities?					
	······································		NUMBER	IS ACTIVITY COVERED	IS A POLLUTION
BY NPDES PERMIT? PREVE			PREVENTION PLAN IN EFFECT?		
				Yes ☐ No ☐	Yes ☐ No ☐
				Yes ☐ No ☐	Yes ☐ No ☐
				Yes 🗌 No 🗍	Yes 🗌 No 🗍

		Yes ☐ No ☐ Yes ☐ No ☐
act	ivities, maintenance so	industrial-type operations, you must also consider municipal infrastructure, and related maintenance chedules and long-term inspection procedures for structural controls and the proper disposal of waste pasins, etc. Also included in this program area is discharge of pollutants from roads and parking lots.
	BEST MANAGEM	MENT PRACTICES (BMPs) MEASURABLE GOALS AND IMPLEMENTATION MILESTONES
	Name	DESCRIPTION
Α.	Staff Training	Conduct yearly training on stormwater pollution prevention and spill control at maintenance facilities
B.	**************************************	
C. D.		
		ADMINISTRATIVE INFORMATION
PF	IMARY CONTACT	POSITION OR TITLE
Chuc	k Weaver	Building and Codes
OTI	IER DEPARTMENT	ROLE
Tomr	ny Maitland	Public Works Director
		PRACTICES (BMPs) MEASURABLE GOALS AND IMPLEMENTATION MILESTONES (Continued)
GO\	PERNMENT ENTITY	ВМР
ОТ	HER INSTITUTION	ROLE
_		

		EQUIPMENT NEEDS (IF APPLICABLE)
GROUP		TARGET DESCRIPTION
	GROUP	TARGET DESCRIPTION

ADDENDUM TO SMALL MS4 NPDES PERMIT NOTICE OF INTENT BEST MANAGEMENT PRACTICES (BMPs) MEASURABLE GOALS AND MILESTONES

The purpose of this addendum is to record the measurable goals for each BMP, and the dates (month and year) by which interim actions are to be accomplished. Space is given for four BMPs for each of the six minimum measures.

Measurable goals are BMP design objectives, or goals that will quantify the progress of implementing the actions or performance of a BMP. They are ways to measure activities or effects of a BMP. For each of the six minimum measures and for each BMP, define the measurable goal you will use to monitor effectiveness of this BMP.

For each BMP, establish milestones for implementation. These tables are set up for once/year milestones. You may change the milestone dates to time frames less than one year. Also, certain BMPs - e.g., an ordinance - should be put in place within one year.

BEST MANAGEMENT PRACTICES FOR PUBLIC EDUCATION, OUTREACH, AND PARTICIPATION		
BMP 1A	MEASURABLE GOALS AND MILESTONES	
Goals	Teach the Teacher	

Milestone Year 1	Educate and submit infromation to teachers
Milestone Year 2	Have teachers include material into the classroom teaching. To be done once a year.
Milestone Year 3	Have teachers include material into the classicom teaching. To be done once a year.
BMP 1A	MEASURABLE GOALS AND MILESTONES (CONTINUED)
Milestone Year 4	MEASURABLE GOALS AND MILES TONES (CONTINUED)
Milestone Year 5	
BMP 1B	MEASURABLE GOALS AND MILESTONES
Goals	Inform the Farmer
Milestone Year 1	Have mailings sent to all owners of agriculture properties
Milestone Year 2	
Milestone Year 3	
Milestone Year 4	
Milestone Year 5	
BMP 1C	MEASURABLE GOALS AND MILESTONES
Goals	
Milestone Year 1	
Milestone Year 2	
Milestone Year 3	
Milestone Year 4	
Milestone Year 5	
BMP 1D	MEASURABLE GOALS AND MILESTONES
Goals	
Milestone Year 1	
Milestone Year 2	
Milestone Year 3	
Milestone Year 4	
Milestone Year 5	

BEST MANAGEMENT PRACTICES FOR ILLICIT DISCHARGE DETECTION AND ELIMINATION		
BMP 2A	MEASURABLE GOALS AND MILESTONES	
Goals	continue with current procedures	
Milestone Year 1		
Milestone Year 2		
Milestone Year 3		
Milestone Year 4		
Milestone Year 5		
BMP 2B	MEASURABLE GOALS AND MILESTONES	
Goals		
Milestone Year 1		
Milestone Year 2		
Milestone Year 3		
Milestone Year 4		
Milestone Year 5		

BMP 2C	MEASURABLE GOALS AND MILESTONES
Goals	
Milestone Year 1	
BMP 2C	MEASURABLE GOALS AND MILESTONES (CONTINUED)
Milestone Year 2	
Milestone Year 3	
Milestone Year 4	
Milestone Year 5	
BMP 2D	MEASURABLE GOALS AND MILESTONES
Goals	
Milestone Year 1	
Milestone Year 2	
Milestone Year 3	
Milestone Year 4	
Milestone Year 5	

BEST MANAGEMENT PRACTICES FOR CONSTRUCTION SITE RUNOFF CONTROL PROGRAM		
BMP 3A	MEASURABLE GOALS AND MILESTONES	
Goals	EP&SC	
Milestone Year 1	Director to obtain Level I certification.	
Milestone Year 2	Have any additional staff involved in inspections Level I certified.	
Milestone Year 3		
BMP 3A	MEASURABLE GOALS AND MILESTONES	
Milestone Year 4		
Milestone Year 5		
BMP 3B	MEASURABLE GOALS AND MILESTONES	
Goals	Site PreCon	
Milestone Year 1	Have pre construction meeting with all new developments prior to issuance of grading permit.	
Milestone Year 2		
Milestone Year 3		
Milestone Year 4		
Milestone Year 5		
BMP 3C	MEASURABLE GOALS AND MILESTONES	
Goals		
Milestone Year 1		
Milestone Year 2		
Milestone Year 3		
Milestone Year 4		
Milestone Year 5		
BMP 3D	MEASURABLE GOALS AND MILESTONES	
Goals		
Milestone Year 1		
Milestone Year 2		
Milestone Year 3		

Milestone Year 4		
Milestone Year 5		

BEST MA	NAGEMENT PRACTICES FOR PERMANENT STORMWATER RUNOFF CONTROL
BMP 4A	MEASURABLE GOALS AND MILESTONES
Goals	Stormwater Ordinance
Milestone Year 1	Have ordinace ammended and approved by city.
Milestone Year 2	
Milestone Year 3	
Milestone Year 4	
Milestone Year 5	
BMP 4B	MEASURABLE GOALS AND MILESTONES
Goals	Stormwater Quality Design Manual
Milestone Year 1	Have manual adopted by ammended Stormwater Ordinance
Milestone Year 2	
Milestone Year 3	
Milestone Year 4	
Milestone Year 5	
BMP 4C	MEASURABLE GOALS AND MILESTONES
Goals	
Milestone Year 1	
Milestone Year 2	
BMP 4C	MEASURABLE GOALS AND MILESTONES (CONTINUED)
Milestone Year 3	
Milestone Year 4	
Milestone Year 5	
BMP 4D	MEASURABLE GOALS AND MILESTONES
Goals	
Milestone Year 1	
Milestone Year 2	
Milestone Year 3	
Milestone Year 4	
Milestone Year 5	

BEST MANAGEMENT PRACTICES FOR MUNICIPAL POLLUTION PREVENTION AND GOOD HOUSEKEEPING			
BMP 5A	MEASURABLE GOALS AND MILESTONES		
Goals	Staff Training		
Milestone Year 1	Conduct yearly training on stormwater pollution prevention and spill control at maintenance facilities		
Milestone Year 2			
Milestone Year 3			
Milestone Year 4			
Milestone Year 5			
BMP 5B	MEASURABLE GOALS AND MILESTONES		
Goals			

	1 Hadd it marries as described described and the second control of
Milestone Year 1	
Milestone Year 2	
Milestone Year 3	
BMP 5B	MEASURABLE GOALS AND MILESTONES (CONTINUED)
Milestone Year 4	
Milestone Year 5	
BMP 5C	MEASURABLE GOALS AND MILESTONES
Goals	
Milestone Year 1	
Milestone Year 2	
Milestone Year 3	
Milestone Year 4	
Milestone Year 5	
BMP 5D	MEASURABLE GOALS AND MILESTONES
Goals	
Milestone Year 1	
Milestone Year 2	
Milestone Year 3	
Milestone Year 4	
Milestone Year 5	